

# INTERNATIONAL SEARCH REPORT

PCT/EP2005/050271

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/47 A61K31/4709 C07D215/14 C07D215/22 C07D215/38  
C07D401/04 C07D401/06 C07D401/12 C07D401/14 C07D405/04  
C07D405/06 C07D405/12 C07D405/14 C07D409/04 C07D409/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WOMMACK J B ET AL: "Potential antimalarials. Some 2-phenyl-6- and -8-quinolinemethanols and 8-phenyl-4-quinolinemethanols" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 12, no. 14, 1971, pages 1218-1220, XP002079144 ISSN: 0022-2623 see page 1220, compound (19)	1-3,6,8, 11-13,16
P,X	WO 2004/011436 A (JANSSEN PHARMACEUTICA N.V.; VAN GESTEL, JOZEF, FRANS, ELISABETHA; GUILL) 5 February 2004 (2004-02-05) cited in the application see claims	1-16
	----- -/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

1 June 2005

Date of mailing of the international search report

13/06/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2004/002490 A (GLAXO GROUP LIMITED; AXTEN, JEFFREY, MICHAEL; DAINES, ROBERT, A; DAVIE) 8 January 2004 (2004-01-08) see claims -----	1-16
Y	WO 02/056882 A (SMITHKLINE BEECHAM P.L.C; DAVIES, DAVID, THOMAS; JONES, GRAHAM, ELGIN;) 25 July 2002 (2002-07-25) see claims -----	1-16
Y	US 5 965 572 A (ELLIS ET AL) 12 October 1999 (1999-10-12) see claims -----	1-16

**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 15  
because they relate to subject matter not required to be searched by this Authority, namely:  

Although claim 15 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 2004011436	A	05-02-2004	AU	2003262529 A1	16-02-2004
			CA	2493225 A1	05-02-2004
			WO	2004011436 A1	05-02-2004
			EP	1527050 A1	04-05-2005
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			WO	2004002490 A2	08-01-2004
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			EP	1359908 A1	12-11-2003
			JP	2004520360 T	08-07-2004
			US	2004138219 A1	15-07-2004
US 5965572	A	12-10-1999	US	6274598 B1	14-08-2001
			US	2002115678 A1	22-08-2002
			CA	2270123 A1	07-05-1998
			EP	0936866 A1	25-08-1999
			JP	2001503411 T	13-03-2001
			WO	9818326 A1	07-05-1998